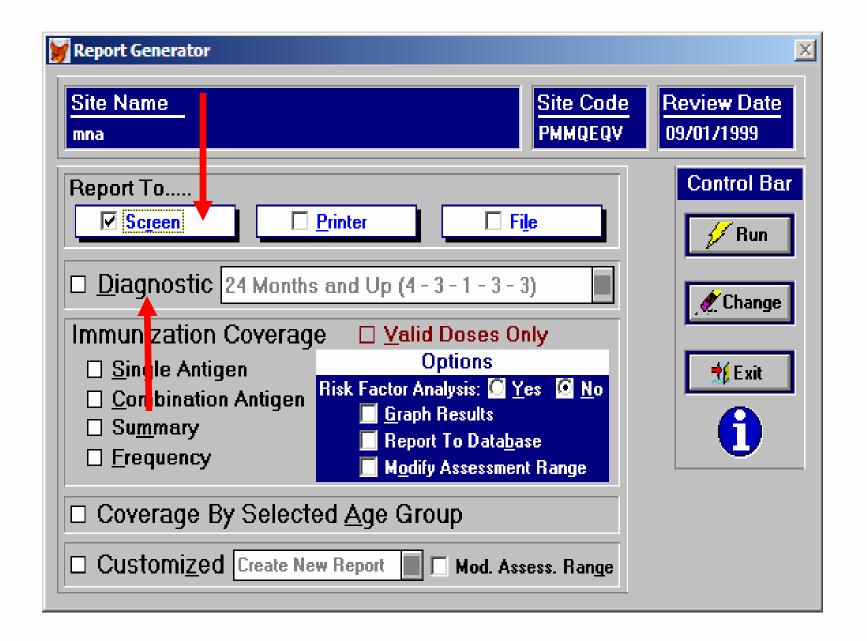


CASA Tutorial 3: Analyze the Data

Michael J. McQuestion, PhD, MPH Bloomberg School of Public Health

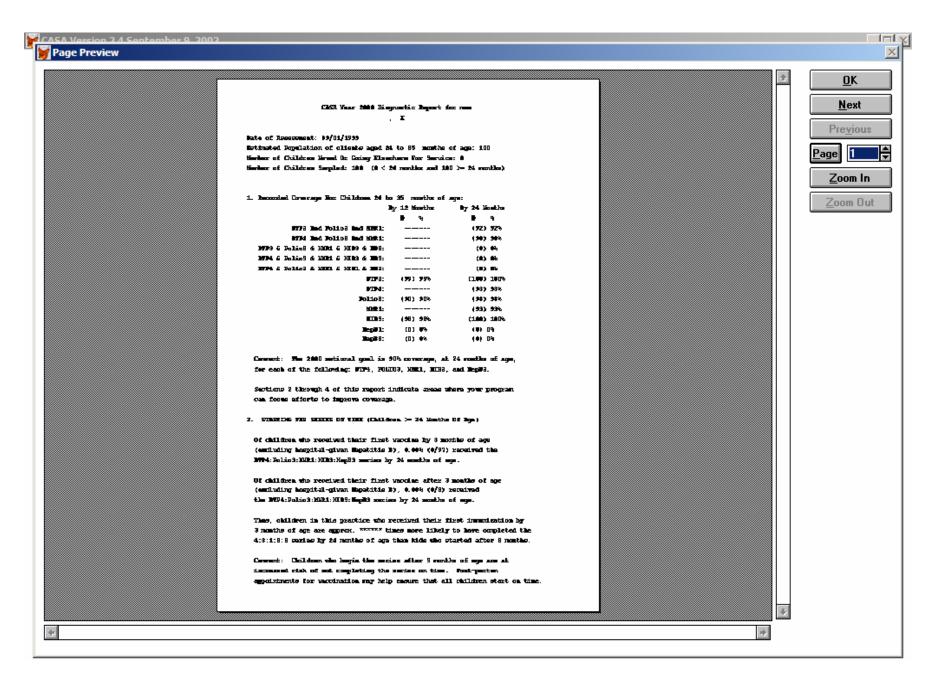
Generate a Diagnostic Report

- Select Reports | Coverage Reports | Single Site
- Choose your clinic at the prompt
- The Report generator will appear
- For now, click Screen and Diagnostic
- Click on Run
- A detailed clinic report will be generated



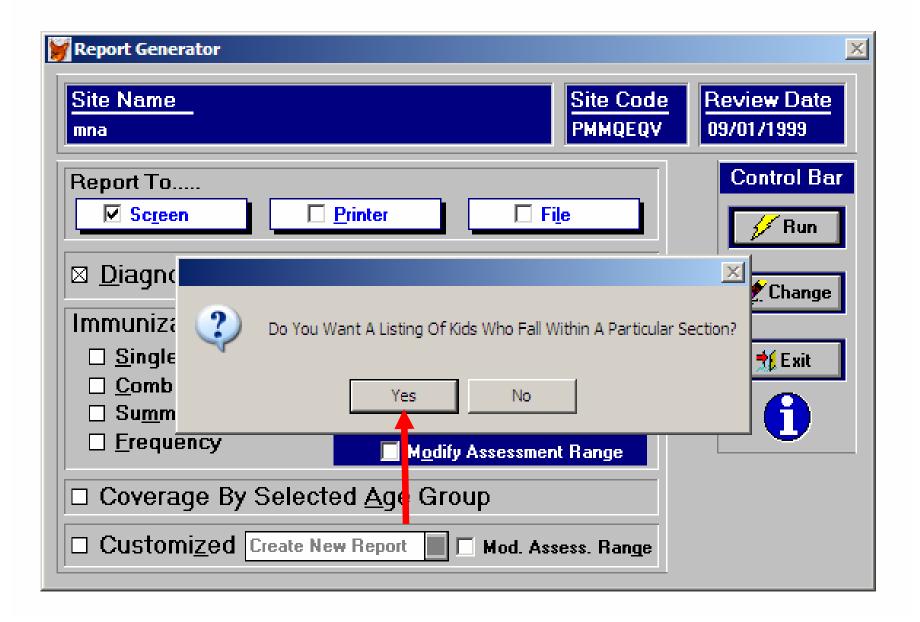
A Detailed Clinic Report

- Click Next to page through the report
- Read report, then click on "OK" to exit



List Children by Section

- A menu will appear, asking if you want a listing of children who fall within a particular section
- At the prompt, click "Yes" to get a list of children in each section of the report



List Children by Section

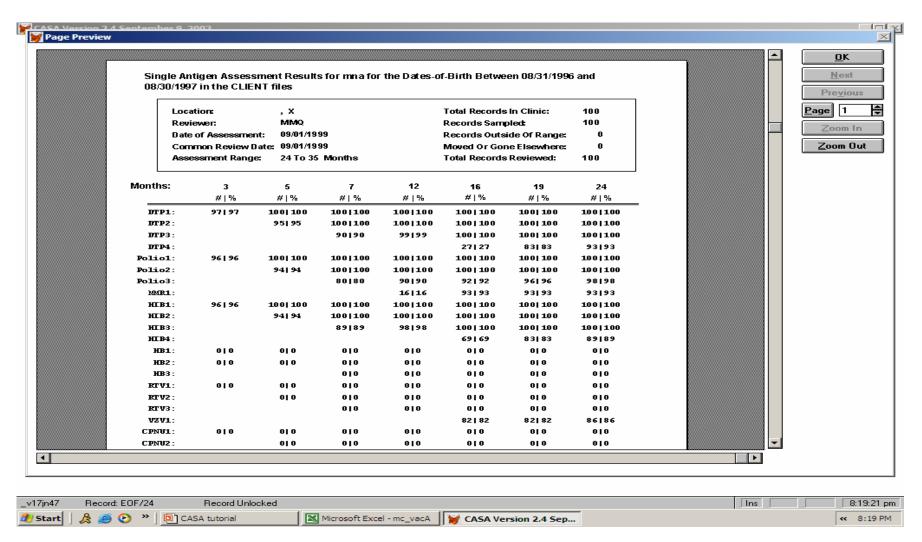
- Select the Sections you want and click on Run
- Note that the lists, like the summary report, can be printed or saved to file



List Children by Section

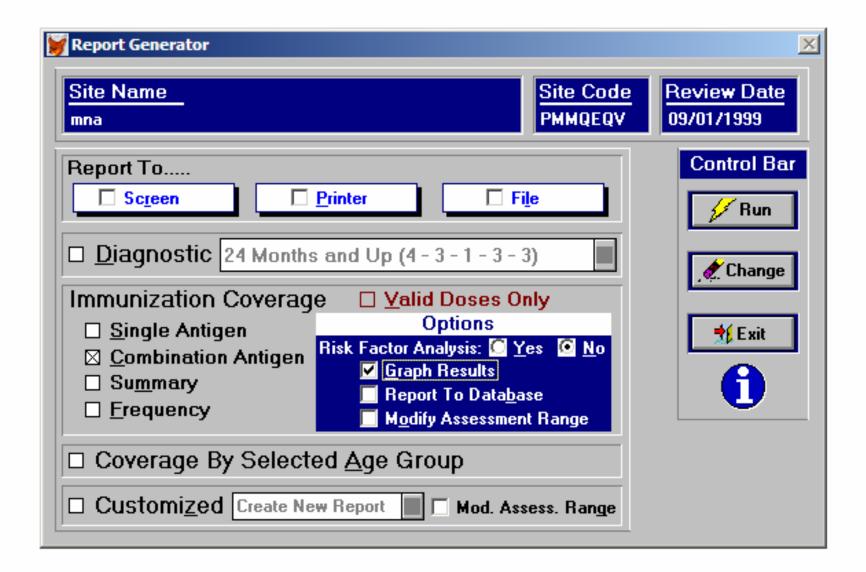
- Exit the Diagnostic Report Section
- The Report Generator will re-appear
- This time select Single Antigen and run the report

Single Antigen Report

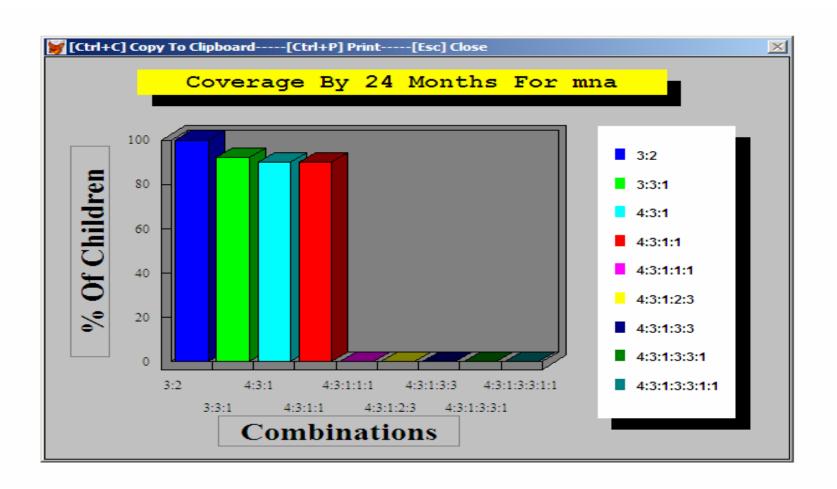


Produce Graphs

- Return to Report Generator
- Select Combination Antigen and Graph Results
- Click Run

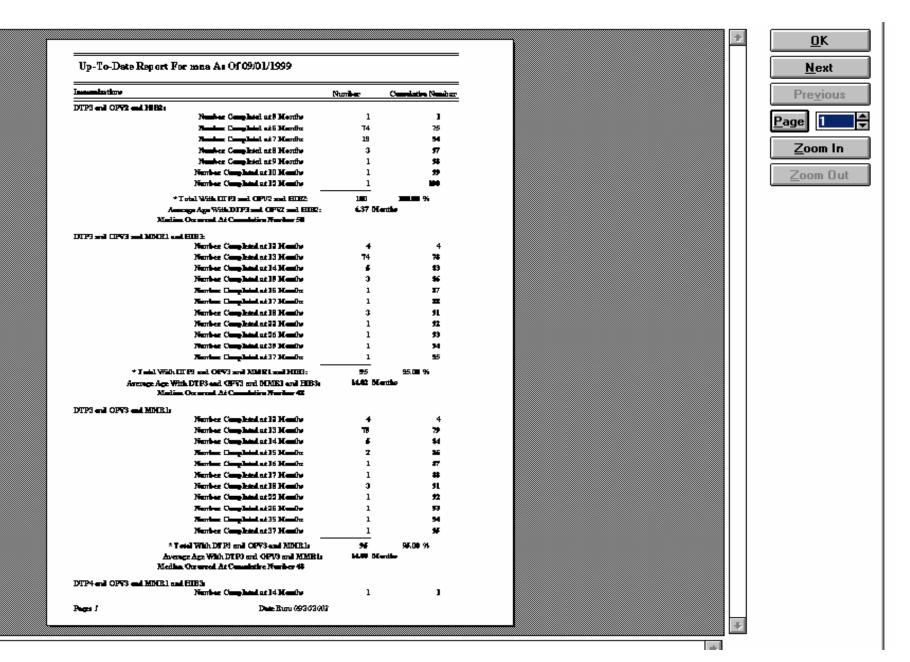


Combined Vaccine Coverage



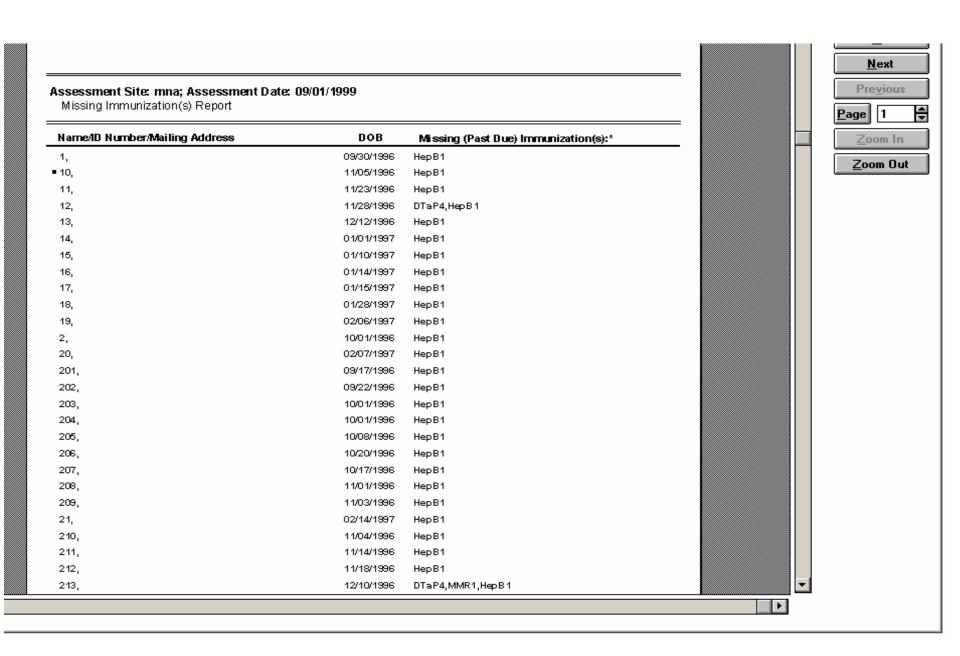
Generate Other Reports

- Go back to the Reports menu
- Select Immunizations up-to-date
- This generates frequency distributions for various antigen combinations



Generate Other Reports

 Select Missing Immunizations to produce a list of all children who are "past due" for an immunization



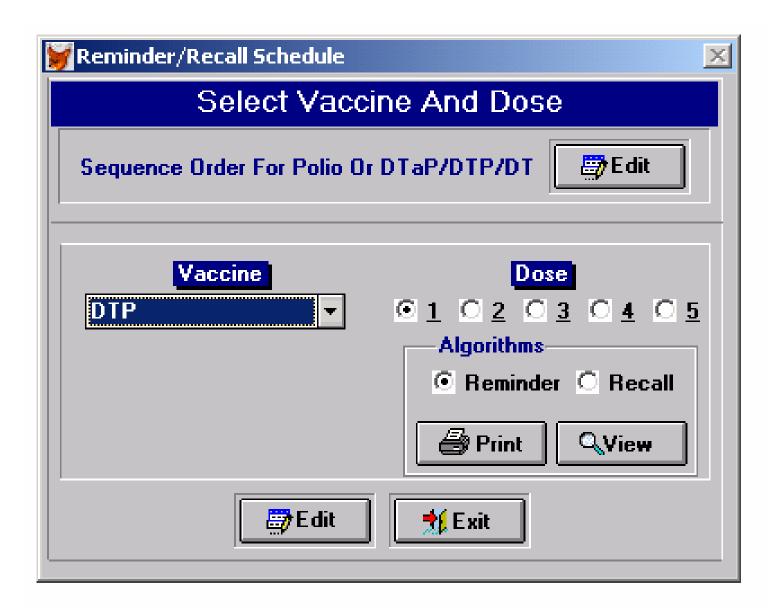
Comparison Reports

- Select Reports
- Select Coverage Comparison
- Using this menu, you can double-click on any clinic dataset on the left to move it to the right window for comparative analyses

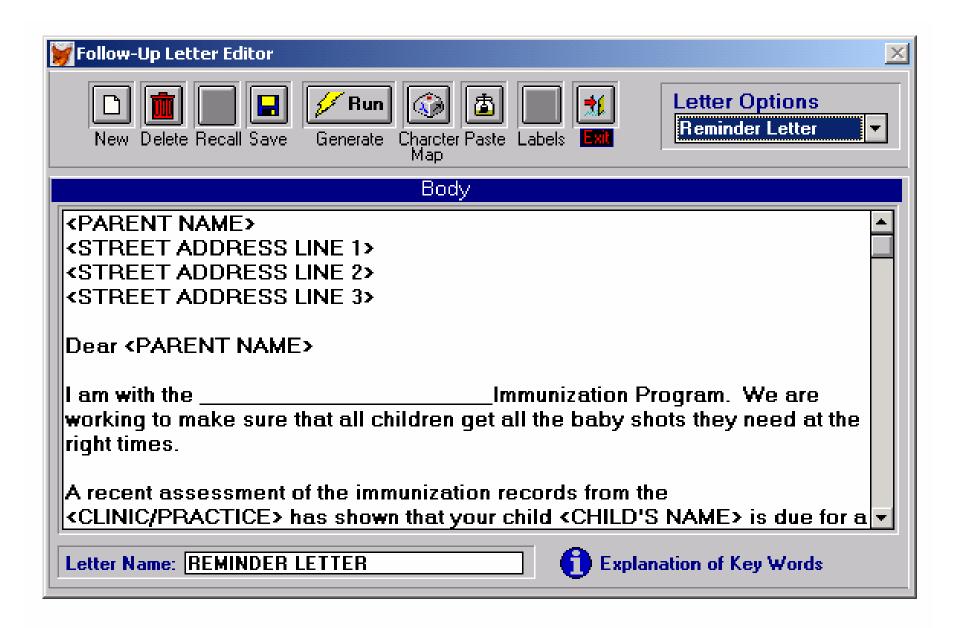
Cross Tabulations

- Use the Quick Count Report tool to crosstabulate risk factor and antigen combinations to see which risk categories, if any, are better immunized
- Use the Graph facility to better visualize results
- Using the By Year of Birth menu, the analyses can be repeated for annual birth cohorts

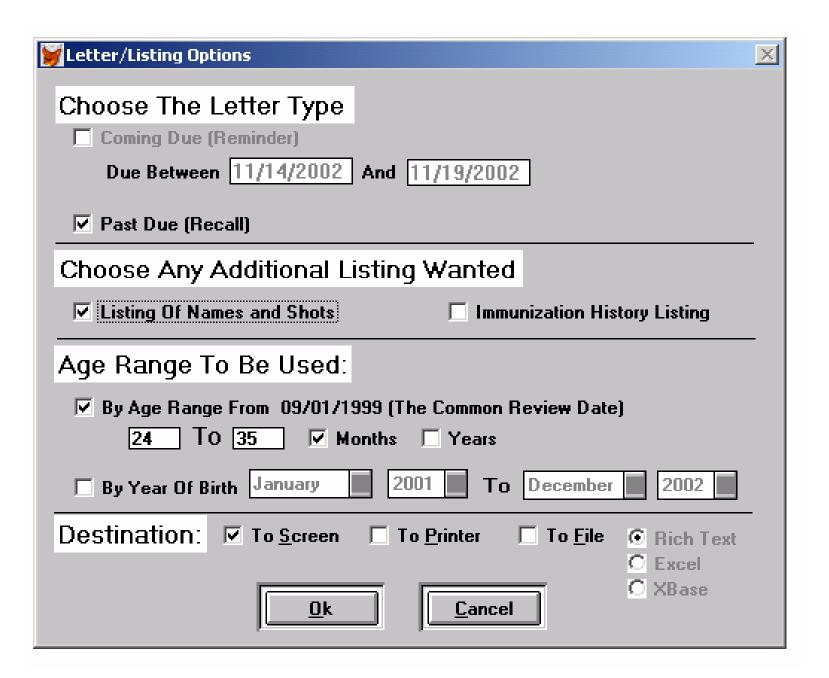
- Click on Follow-Up | Reminder | Recall Schedules
- Click on Sequence Order and make sure the settings match the clinic protocols: OPV and DTP
- Exit from this menu and return to main page



- Again enter Follow-up, click on Letters, and select Reminder Letters
- This will open up a form letter to remind parents to bring children for their next shots



- Click Run and another dialog box opens
- Choose "Yes" to using the same clinic's data
- For letter type, click Past Due (Recall)
- Also check List Names and Shots
- Click OK



- The resulting list shows all children due for another shot
- Click OK again to reveal a letter addressed to the first child
- Click Next to see the second letter, and so on

Other Facilities

- CASA offers many other analytic, reporting, and graphing tools
- Explore the various menus and discover them for yourself

Summary

- Providers can use CASA to manage their vaccination records, identify weaknesses
- In Assignment 1 (Part A), we will analyze the performance of Clinic A and generate recalls and reminders
- In Assignment 1 (Part B), we will analyze the performance of Clinics A, B, C, and D as if they comprised a registry